11

13

Source
data
17

SS
Modeler   15

Estimator/
Inferential   21
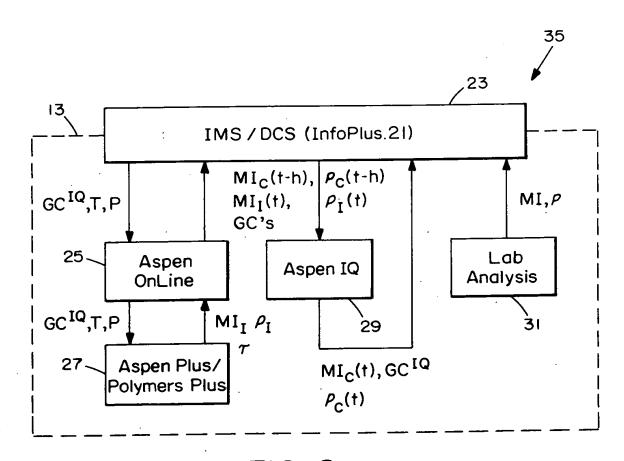Modeler

19 Output

(to control subsytem,
display system, etc.)

FIG. I

35

23

13

IMS / DCS (InfoPlus.21)

GC^{IQ},T,P

$MI_C(t-h)$, $\rho_C(t-h)$
$MI_I(t)$, $\rho_I(t)$
GC's

MI,P

25 Aspen
OnLine

Aspen IQ

Lab
Analysis

GC^{IQ},T,P

MI_I ρ_I
T

29

31

27 Aspen Plus/
Polymers Plus

$MI_C(t)$,GC^{IQ}
$\rho_C(t)$

FIG. 2